

ABSTRACT OF THE DISCLOSURE

A magnetic resistance adjusting device of a stationary bicycle includes a plate pivotably connected to a frame of the bicycle and a plurality of magnetic pieces are attached on a side of the plate. The magnetic pieces are located to face a side of a periphery of an aluminum wheel of the bicycle. The plate is connected to a pulling member which pivots the plate so as to adjust a number of the magnetic pieces that face the aluminum wheel. A guide member is located on the base and the plate is guided by the guide member when the plate is pivoted such that a gap between the aluminum wheel and the plate is unchanged.